



2881  
Pat nt 2828

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Phoenix, Arizona

**Applicant:** Hoki Kwon. **Group:** 2881.  
**Serial No.:** 10/078474 **Examiner:** t.b.d.  
**Filed:** 2-21-2002 **Atty Docket No.:** V637 02769  
**For:** LONG WAVELENGTH VCSEL GROWN BY MOCVD USING  
ALPSB/GAPSB AS BOTTOM MIRROR AND GAAS/AL(GA) AS  
TOP MIRROR

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF  
FIRST OFFICE ACTION (37 C.F.R. §1.97(b))**

Box Patent Application  
Assistant Commissioner of Patents  
POB 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with Applicants' duty of disclosure under 37 C.F.R. §1.56, you will find attached hereto form PTO-1449, listing information which may be material to the patentability of this application, previously filed.

**1. Preliminary Statements.**

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 CFR § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56 (37 C.F.R. § 1.97(h)), or that no other material information exists.

The filing of this Information Disclosure Statement is not to be construed as a representation that the references are prior art within the meaning of 35 U.S.C. §§ 102 or 103. Further, any explanation, if provided, is not to be construed as a representation that the references have been thoroughly reviewed. In particular, no representation as to the relevance of any portion of any reference is intended.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

**2. Form PTO-1449, List of Prior Art Cited by Applicant, citing 1 U.S. patent, 0 Foreign patents and 10 publications.**

This form is a Replica of PTO-SB-08A (04-03)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**Substitute for form 1449B-PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(USE AS MANY SHEETS AS NECESSARY)

Sheet 2 Of 2

Sheet 2 Of 2

**COMPLETE IF KNOWN**

<b>Application Number</b>	10/078,474
<b>Filing Date</b>	February 21, 2008
<b>First Named Inventor</b>	Hoki Kwon
<b>Group Art Unit</b>	2881
<b>Examiner Name</b>	t.b.d.
<b>Attorney Docket Number</b>	V637 02769 US

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC, 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC, 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.